Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

LIFEBOOK S6420

Get ready for your next business trip

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Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

LIFEBOOK S6420

The LIFEBOOK S6420 is ideal for all business trips with its fantastic performance and genuine mobility. Weighing only 1.7 kg and together with its 13.3-inch WXGA display and long battery life, it is easy to use all day long. The new integrated application buttons guarantee fast access to your personal applications. Integrated 3G/UMTS and a built-in ConfCamera ensure trouble-free wireless connectivity.

Slim mobility

Enjoy easy access to all your data thanks to a mobile device that is both lightweight and versatile.

- A slim and lightweight notebook, weighing only 1.7 kg, with a 13.3-inch WXGA display that can run up to 8.5 hours with a second battery

Maximum connectivity

Available everywhere: wireless connectivity anytime, anywhere even if there is no hotspot nearby.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

Reliable companion

Secure and effective working even for the most demanding of users in all situations.

- Spill proof keyboard, shock sensor, magnesium lid and further innovative highlights

Flexible working

Adapt your notebook to various business environments and thus increase your business productivity.

- Modular bay for a second battery, second hard drive or an optical drive, application buttons and port replicator

Maximum security

Protect your company data against unauthorized third-party access and benefit from our end-to-end anti-theft and system protection concept.

- Fingerprint sensor, TPM module and SmartCase Logon+

Windows Vista Business

intel Centrino 2 inside

SIERRA WIRELESS EMPOWERED

Components

Processor	Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo T9400 (2.53 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo P8400 (2.26 GHz, 3 MB, 1066 MHz)
Memory modules	2 GB (1 x 2 GB, DDR3), 1066 MHz 1 GB (1 x 1 GB, DDR3), 1066 MHz
Hard disk drives (internal)	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 120 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 64 GB SSD SATA, 2.5-inch
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity Accessible capacity may vary, also depending on used software and tool
WLAN (optional)	Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
Modular bay options	2nd battery DVD Super Multi Weight saver
Base unit	**LIFEBOOK S6420, 13.3-inch WXGA**
General system information	
Chipset	Intel® GM45, ICH 9-M
BIOS features	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM
Turbo memory	Optional 4 GB
Supported capacity RAM (max.)	4 GB
Memory notes	8 GB - with future memory models.
Interfaces	
DC-in	1
Audio: line-in / microphone	1
Audio: line-out /headphone	1
Internal microphones	2
USB 2.0 total	3
VGA	1
S-Video out (TV-out)	1
Ethernet (RJ-45)	1
FireWire (IEEE1394)	1
Modem (RJ-11)	1
Docking connector for Port Replicator	1
Kensington Lock support	1
Memory card slots	1
PC Card slot (Type I/II)	1
SIM card slot	1
Wired communication	
Modem type	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055
Wireless technologies	
Antennas	3 Dual band WLAN antennas, 2 UMTS antennas
Infrared link (Fast IrDa 1.1, 4 Mbps)	1
WLAN notes	Import and usage according to country-specific regulations.
Keyboard and pointing devices	
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 3 mm Fingerprint sensor Launch keys Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED RecoveryButton TouchPad with two mouse buttons and scroll via fingerprint sensor
Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones
Camera	Built-in ConfCamera, 1.3 megapixel, VGA camera

Graphics	
Display	13.3-inch TFT 1280 x 800 pixel (WXGA) LED glare display
max. resolution external display	1920 x 1200 / true color / 60 Hz (tbd)
Graphics brand name	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)
Power supply	
AC adapter	19 V / 80 W (4.22A)
Rated voltage range	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery	2nd Li-Ion battery 6 cell (Option), 2500 mAh, 25.3 Wh
Runtime 1st battery	5 h (Mobile Mark 2005 reader workload)
Runtime 1st + 2nd battery	8.5 h (Mobile Mark 2005 reader workload)
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Dimensions / Weight / Environmental	
Operating ambient temperature	5 - 35 °C
Operating relative humidity	20 - 85 % (running)
Dimension (W x D x H)	314 x 234 x 22.4 - 33.5 mm
Weight	1.7 kg
Weight notes	Weight may vary depending on actual configuration.
Operating system	
Operating system optional preinstalled	Microsoft® Windows Vista® Business 32bit Microsoft® Windows Vista® Home Basic TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft Windows XP Professional
Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application panel tool Eco Power Saving Utility EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Bluetooth Stack Camera Drivers & Utilities DVD (DUDVD)
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software
Additional software (included as a CD/DVD)	SmartCase Logon+
Manageability	
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
Security	
Physical security	Kensington Lock support
System security	Optional: Trusted plattform module (TPM 1.2) Symantec Norton Internet Security
User security	Integrated Fingerprint Sensor Integrated SmartCard controller in PC Card with system lock support Hard disk password SystemLock BIOS SmartCard security SmartCase Logon+ incl. Fingerprint software User and supervisor BIOS password
Compliance	
Europe	CE CE!

Compliance	
USA/Canada	FCC Class B (Depending on wireless configuration) CSA cUL UL
All	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) Wifi certified Energy Star 4.0 tbd
Compliance link	https://sp.fujitsu-siemens.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)	
DC-in	1
Power on switch	1
Headphones	1
Microphones	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
PS/2 (mouse / keyboard)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://www.fujitsu-siemens.com/aboutus
Take back and Recycling information:
http://www.fujitsu-siemens.com/recycling

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